

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. SEPP21.001C	APPLICATION NO. 10/678,768
	APPLICANT TOIS et al.	
	FILING DATE October 2, 2003	GROUP 1765

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
M	1.	5,480,818	01/02/86	Matsumoto et al.	437	40	02/09/83
M	2.	6,006,763	12/28/99	Mori et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
M	3.	JP 3286531 A2	12.17.91	Japan Abstract				
M	4.	JP 60065712 A2	04.15.85	Japan Abstract				

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER INITIAL		OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
M	5	Klaus, J. W. et al., "Atomic Layer Deposition of SiO ₂ Using Catalyzed and Uncatalyzed Self-Limiting Surface Reactions," <i>Surface Review and Letters</i> , Vol. 6, Nos. 3 & 4, pp. 435-448 (1999).
	6	Niinistö, L. et al., "Synthesis of oxide thin films and overlayers by atomic layer epitaxy for advanced applications," <i>Materials Science and Engineering</i> , B41, pp. 23-29 (1996).
	7	Wise, M. L. et al., "Diethyldiethoxysilane as a New Precursor for SiO ₂ Growth on Silicon," <i>Mat. Res. Soc. Symp. Proc.</i> , Vol. 334, pp. 37-43 (1994).
	8	Yamaguchi, Kei-ichi et al., "Atomic-layer chemical-vapor-deposition of silicon dioxide films with an extremely low hydrogen content," <i>Appl. Surf. Science</i> , 130-132; pp. 202-207 (1998)
	9	George, S.M., et al., "Surface Chemistry for Atomic Layer Growth," <i>J. Phys. Chem.</i> , 100:13121-13131 (1996)
	10	George, S.M. et al., "Atomic layer controlled deposition of SiO ₂ and Al ₂ O ₃ using ABAB... binary reaction sequence chemistry," <i>Appl. Surf. Science</i> , 82/83:460-487 (1994)
	11	Jeon, H., "A Study on the Characteristics of TiN Thin Film Deposited by Atomic Layer Chemical Vapor Deposition Method," <i>AVS 46th International Symposium</i> , Seattle, WA, abstract TF-MoP17 (1999)
	12	Jeon, H., et al., "A Study on the Characteristics of TiN Thin Film Deposited by Atomic Layer Chemical Vapor Deposition Method," <i>J. Vac. Sci. Technol. A</i> , 18(4), 1595-1598 (2000)
	13	Klaus, J.W., et al., "Atomically controlled growth of tungsten and tungsten nitride using sequential surface reactions," <i>Appl. Surf. Science</i> 162-163; 479-471 (2000)
	14	Klaus, J.W., et al., "Atomic layer deposition of tungsten nitride films using sequential surface reactions," <i>Journal of the Electrochemical Soc.</i> , 147 (3):1175-1181 (2000)
	15	Klaus, J.W. et al., "Atomic layer deposition of tungsten using sequential surface chemistry with a sacrificial stripping reaction," <i>Thin Solid Films</i> , 360:145-153 (2000)
	16	Klaus, J.W., et al., "Atomic layer deposition of tungsten and tungsten nitride using sequential surface reactions," <i>AVS 46th International Symposium</i> , Seattle, WA, abstract TF-TuM6 (1999)
M	17	Riihelä, D. et al., "Introducing atomic layer epitaxy for the deposition of optical thin films," <i>Thin Solid Films</i> , Vol. 289, pp. 250-255 (1996).

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EXAMINER	<i>Mori</i>	DATE CONSIDERED	9/25/2004
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			